check the new command to determine if it relevant within the CCP. If the new command is authenticated then the new command is passed back to the Speech Activate CC Process (S890). Similarly, when we are not in the Dictation state (a non DAC Command is the CCP), the system authenticates the command as a new command, and passes it back to the Speech Activation process if it is valid (S902, S906-S908, S890).

Having described preferred embodiments of the invention with reference to the accompanying drawings, it is to be understood that the invention is not limited to those precise embodiments, and that various changes and modifications may be effected therein by one skilled in the art without departing from the scope or spirit of the invention as defined in the appended claims.

WHAT IS CLAIMED IS:

1. A method for controlling a plurality of processes by voice actuated grammars initiated by a user, each grammar having at least one phoneme, the steps comprising:

receiving an initial grammar from a process in response to said user initiating an utterance;

setting a command mode of operation when said initial grammar from said step of receiving is determined to be a command activation statement;

cycling through a first loop when in said command mode of operation;

under control of said first loop,

receiving a data stream from said process, said data stream containing at least one grammar,

storing said data stream in a data storage location such that each said at least one grammar is in a separate location of said data storage location,

searching said data storage location for a valid command statement,

setting an error condition when said step of searching does not find said valid command statement,

processing said valid command statement when said step of searching finds said valid command statement, said valid command statement corresponding to at least one of said plurality of processes, and

setting said mode of operation to a wait mode of operation when said step of processing said valid command statement is completed.

2. A method for controlling a plurality of processes as in claim 1, wherein said step of receiving a grammar from a process is a step of receiving a grammar from a speech-to-text processor.

3. A method for controlling a plurality of processes as in claim 1, wherein said step of searching said data storage location for a valid command statement is a step of comparing each said at least one grammar to a known vocabulary table.

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4. A method for controlling a plurality of processes as in claim 1, wherein said step of searching said data storage location for a valid command statement is a step of comparing each said at least one grammar to a known vocabulary table, said vocabulary table containing a list of system commands and application commands.

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5. A method for controlling a plurality of processes as in claim 1, wherein said step of searching said data storage location for a valid command statement is a step of comparing each said at least one grammar to a known vocabulary table, said vocabulary table containing a list of system commands and application commands which are registered in a process registration database.

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6. A method for controlling a plurality of processes as in claim 2, wherein said step of searching said data storage location for a valid command statement is a step of comparing each said at least one grammar to a known vocabulary table.

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7. A method for controlling a plurality of processes as in claim 2, wherein said step of searching said data storage location for a valid command statement is a step of comparing each said at least one grammar to a known vocabulary table.

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8. A method for controlling a plurality of processes as in claim 2, wherein said step of searching said data storage location for a valid command statement is a step of comparing each said at least one grammar to a known vocabulary table, said vocabulary table containing a list of system commands and application commands which are registered in a process registration database.

9. A method for controlling a plurality of processes as in claim 6, wherein said step of searching said data storage location for a valid command statement is a step of comparing each said at least one grammar to a known vocabulary table, said vocabulary table containing a list of system commands and application commands.

10. A method for controlling a plurality of processes as in claim 6, wherein said step of searching said data storage location for a valid command statement is a step of comparing each said at least one grammar to a known vocabulary table, said vocabulary table containing a list of system commands and application commands which are registered in a process registration database.

11. A method for controlling a plurality of processes as in claim 9, wherein said step of searching said data storage location for a valid command statement is a step of comparing each said at least one grammar to a known vocabulary table, said vocabulary table containing a list of system commands and application commands.

12. A method for controlling a plurality of processes by voice actuated grammars initiated by a user, each grammar having at least one phoneme, the steps comprising:

receiving an initial grammar from a process in response to said user initiating an utterance, said process including a speech-to-text processor;

setting a command mode of operation when said initial grammar

from said step of receiving is determined to be a command activation statement;

cycling through a first loop when in said command mode of operation;

under control of said first loop,

receiving a data stream from said process, said data stream containing at least one grammar,

storing said data stream in a data storage location such that each said at least one grammar is in a separate location of said data storage location,

searching said data storage location for a valid command statement, said step of searching includes comparing each said at least one grammar to a known vocabulary table, said vocabulary table containing a list of system commands and application commands which are registered in a process registration database;

setting an error condition when said step of searching does not find said valid command statement,

processing said valid command statement when said step of searching finds said valid command statement, said valid command statement corresponding to at least one of said plurality of processes, and

setting said mode of operation to a wait mode of operation when said step of processing said valid command statement is completed.